

OIPE

RAW SEQUENCE LISTING

DATE: 12/17/2001

PATENT APPLICATION: US/10/006,177

TIME: 11:03:28

Input Set : A:\ES.txt

Output Set: N:\CRF3\12172001\J006177.raw

ENTERED

3 <110> APPLICANT: Ramakrishna, Venky
 4 Ross, Mark
 5 Philip, Ramila
 7 <120> TITLE OF INVENTION: Cytotoxic T-Lymphocyte-Inducing Immunogens for Prevention,
 Treatment and
 8 Diagnosis of Cancer
 10 <130> FILE REFERENCE: 26747-35
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/006,177
 C--> 12 <141> CURRENT FILING DATE: 2001-12-04
 12 <150> PRIOR APPLICATION NUMBER: US/60/251,022
 13 <151> PRIOR FILING DATE: 2000-12-04
 15 <150> PRIOR APPLICATION NUMBER: US/60/256,824
 16 <151> PRIOR FILING DATE: 2000-12-20
 18 <160> NUMBER OF SEQ ID NOS: 20
 20 <170> SOFTWARE: PatentIn version 3.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 9
 24 <212> TYPE: PRT
 C--> 25 <213> ORGANISM: Artificial
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Epitopic Peptide
 30 <400> SEQUENCE: 1
 32 Lys Ile Met Asp Gln Val Gln Gln Ala
 33 1 5
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 10
 37 <212> TYPE: PRT
 C--> 38 <213> ORGANISM: Artificial
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: Epitopic Peptide
 43 <400> SEQUENCE: 2
 45 Arg Leu Gln Glu Asp Pro Pro Ala Gly Val
 46 1 5 10
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 9
 50 <212> TYPE: PRT
 C--> 51 <213> ORGANISM: Artificial
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: Epitopic Peptide
 56 <400> SEQUENCE: 3
 58 Lys Leu Asp Val Gly Asn Ala Glu Val
 59 1 5
 61 <210> SEQ ID NO: 4
 62 <211> LENGTH: 9
 63 <212> TYPE: PRT
 C--> 64 <213> ORGANISM: Artificial
 66 <220> FEATURE:
 67 <223> OTHER INFORMATION: Epitopic Peptide

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/006,177

DATE: 12/17/2001

TIME: 11:03:28

Input Set : A:\ES.txt

Output Set: N:\CRF3\12172001\J006177.raw

```

69 <400> SEQUENCE: 4
71 Phe Leu Tyr Asp Asp Asn Gln Arg Val
72 1 5
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 9
76 <212> TYPE: PRT
C--> 77 <213> ORGANISM: Artificial
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Epitopic Peptide
82 <400> SEQUENCE: 5
84 Ala Leu Met Glu Gln Gln His Tyr Val
85 1 5
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 9
89 <212> TYPE: PRT
C--> 90 <213> ORGANISM: Artificial
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Epitopic Peptide
95 <400> SEQUENCE: 6
97 Tyr Leu Met Asp Thr Ser Gly Lys Val
98 1 5
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 9
102 <212> TYPE: PRT
C--> 103 <213> ORGANISM: Artificial
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Epitopic Peptide
108 <400> SEQUENCE: 7
110 Ile Leu Asp Asp Ile Gly His Gly Val
111 1 5
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 9
115 <212> TYPE: PRT
C--> 116 <213> ORGANISM: Artificial
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Epitopic Peptide
121 <400> SEQUENCE: 8
123 Leu Leu Asp Arg Phe Leu Ala Thr Val
124 1 5
126 <210> SEQ ID NO: 9
127 <211> LENGTH: 11
128 <212> TYPE: PRT
C--> 129 <213> ORGANISM: Artificial
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Epitopic Peptide
134 <400> SEQUENCE: 9
136 Leu Leu Ile Asp Asp Lys Gly Thr Ile Lys Leu
137 1 5 10
139 <210> SEQ ID NO: 10

```

RAW SEQUENCE LISTING

DATE: 12/17/2001

PATENT APPLICATION: US/10/006,177

TIME: 11:03:28

Input Set : A:\ES.txt

Output Set: N:\CRF3\12172001\J006177.raw

140 <211> LENGTH: 9
141 <212> TYPE: PRT
C--> 142 <213> ORGANISM: Artificial
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Epitopic Peptide
147 <400> SEQUENCE: 10
149 Lys Leu Gln Glu Leu Asn Tyr Asn Leu
150 1 5
152 <210> SEQ ID NO: 11
153 <211> LENGTH: 9
154 <212> TYPE: PRT
C--> 155 <213> ORGANISM: Artificial
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Epitopic Peptide
160 <400> SEQUENCE: 11
162 Lys Leu Gln Glu Leu Asn Tyr Asn Leu
163 1 5
165 <210> SEQ ID NO: 12
166 <211> LENGTH: 9
167 <212> TYPE: PRT
C--> 168 <213> ORGANISM: Artificial
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Epitopic Peptide
173 <400> SEQUENCE: 12
175 Ile Leu Ile Glu His Leu Tyr Gly Leu
176 1 5
178 <210> SEQ ID NO: 13
179 <211> LENGTH: 9
180 <212> TYPE: PRT
C--> 181 <213> ORGANISM: Artificial
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Epitopic Peptide
186 <400> SEQUENCE: 13
188 Tyr Leu Ile Glu Leu Ile Asp Arg Val
189 1 5
191 <210> SEQ ID NO: 14
192 <211> LENGTH: 9
193 <212> TYPE: PRT
C--> 194 <213> ORGANISM: Artificial
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Epitopic Peptide
199 <400> SEQUENCE: 14
201 Asn Leu Met Glu Gln Pro Ile Lys Val
202 1 5
204 <210> SEQ ID NO: 15
205 <211> LENGTH: 10
206 <212> TYPE: PRT
C--> 207 <213> ORGANISM: Artificial
209 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 12/17/2001

PATENT APPLICATION: US/10/006,177

TIME: 11:03:28

Input Set : A:\ES.txt

Output Set: N:\CRF3\12172001\J006177.raw

```

210 <223> OTHER INFORMATION: Epitopic Peptide
212 <400> SEQUENCE: 15
214 Phe Leu Ala Glu Asp Ala Leu Asn Thr Val
215 1 5 10
217 <210> SEQ ID NO: 16
218 <211> LENGTH: 9
219 <212> TYPE: PRT
C--> 220 <213> ORGANISM: Artificial
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Epitopic Peptide
225 <400> SEQUENCE: 16
227 Thr Leu Leu Asn Val Ile Lys Ser Val
228 1 5
230 <210> SEQ ID NO: 17
231 <211> LENGTH: 9
232 <212> TYPE: PRT
C--> 233 <213> ORGANISM: Artificial
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Epitopic Peptide
238 <400> SEQUENCE: 17
240 Met Leu Lys Asp Ile Ile Lys Glu Tyr
241 1 5
243 <210> SEQ ID NO: 18
244 <211> LENGTH: 9
245 <212> TYPE: PRT
C--> 246 <213> ORGANISM: Artificial
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Epitopic Peptide
251 <400> SEQUENCE: 18
253 Thr Ser Tyr Val Lys Val Leu Glu His
254 1 5
256 <210> SEQ ID NO: 19
257 <211> LENGTH: 9
258 <212> TYPE: PRT
C--> 259 <213> ORGANISM: Artificial
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Epitopic Peptide
264 <400> SEQUENCE: 19
266 His Glu Tyr Leu Lys Ala Phe Lys Val
267 1 5
269 <210> SEQ ID NO: 20
270 <211> LENGTH: 9
271 <212> TYPE: PRT
C--> 272 <213> ORGANISM: Artificial
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Epitopic Peptide
277 <400> SEQUENCE: 20
279 Ile Tyr Ile Lys Gln Ile Lys Thr Phe
280 1 5

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/006,177

DATE: 12/17/2001

TIME: 11:03:29

Input Set : A:\ES.txt

Output Set: N:\CRF3\12172001\J006177.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:25 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:38 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:51 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:64 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:77 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:90 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:103 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:116 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:129 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:142 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:155 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:168 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:181 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:194 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:207 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:220 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:233 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:246 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:259 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:272 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20